

Gary Spackman
Idaho Department of Water Resources
Box 83720
Boise, Idaho

November 22, 2004

RECEIVED

NOV 24 2004

DEPARTMENT OF
WATER RESOURCES

NOV 24 2004

Dear Gary,

The water users of Big Lost River appreciate the extra effort you are making to communicate with us and allowing us to be heard.

At the Arco meeting I mentioned some data I had showing the SWE percent of average and the Mackay Reservoir inflow as a percent of average and the relationship between the two. It appears to me that the last four years there is a significant statistically departure between the relationship of the two. Historically, they tracked each other reasonably well until 2002 and since that time there has been a significant departure, indicating that more water is being diverted above the dam and not being allowed to reach the reservoir. I have a Phd. Statistics friend I plan to have look at this data and see if that is really the case. I will pass it on to you if anything further is forthcoming.

Also I have enclosed a USGS plot of ground-water level measurements they have made in a well dating back to 1950 and showing the demise of our water table. The well is located East of Moore and is a good indicator of the ground water levels in the area below the Moore Diversion. From this plot it is easy to see the all time Historically low ground water levels we are experiencing and the extreme need to curtail ground water pumping. A not insignificant side impact of allowing the ground water to reach this level is the destruction of the fish and wildlife habitat in the lower valley and the fact that all the 50 to 75 year old trees along the river and spring creek have died.

Again, thanking you for your concern of our situation and the extra effort you are making to communicate with us.

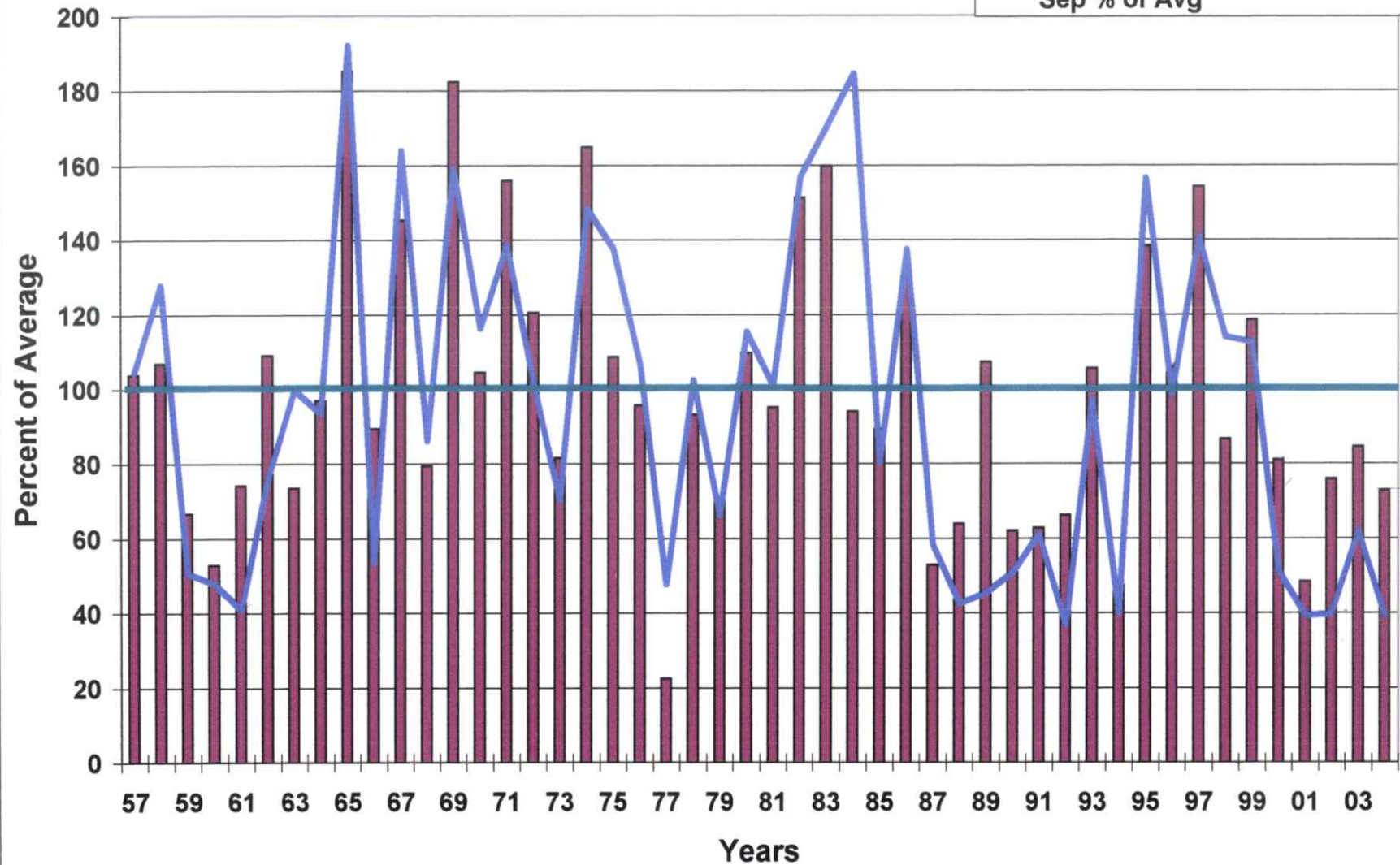
Sincerely,



Norm Sowards

Big Lost River Basin April 1 Snow Index **Bear Canyon, Hiltz Creek, Lost-Wood and Stickney Mill**

■ SWE Percent of Average
 — Mackay Reservoir Inflow Apr-Sep % of Avg



Water Resources

Data Category:

Ground Water

Geographic Area:

United States

go

Ground-water levels for the Nation

Search Results -- 1 sites found

Search Criteria

Site number contains string = 434436113193901

[Save file of selected sites](#) to local disk for future upload

USGS 434436113193901 05N 26E 23CDA1

Available data for this site

Ground-water: Levels

GO

Butte County, Idaho

Hydrologic Unit Code 17040218

Latitude 43°44'36", Longitude 113°19'39" NAD27

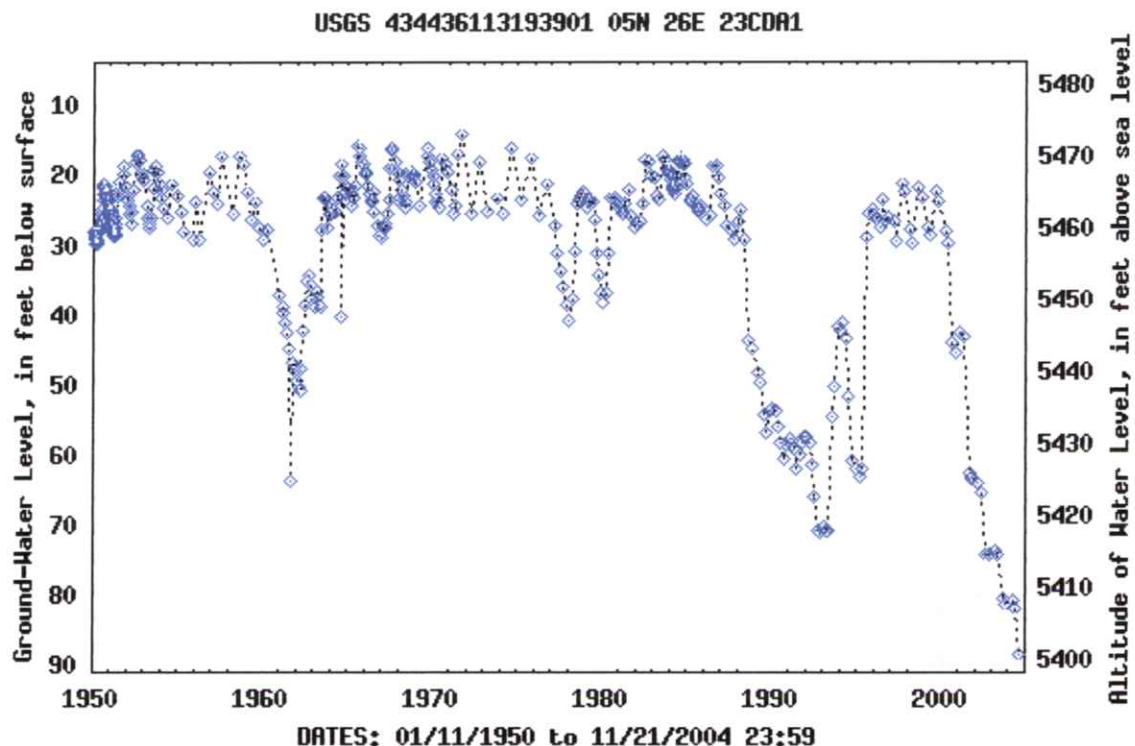
Gage datum 5,488.02 feet above sea level NGVD29

The depth of the well is 197.60 feet below land surface.

The depth of the hole is 203.00 feet below land surface.

This well is completed in QUATERNARY ALLUVIUM (110ALVM)

Output formats

[Table of data](#)[Tab-separated data](#)[Graph of data](#)[Reselect period](#)

Breaks in the plot represent a gap of at least one calendar year between two consecutive points.

http://nwis.waterdata.usgs.gov/nwis/gwlevels?search_site_no=434436113193901&search_s_11/21/2004